

## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date  
29 December 2004 (29.12.2004)

PCT

(10) International Publication Number  
**WO 2004/114186 A1**

(51) International Patent Classification<sup>7</sup>: **G06F 17/60**

(21) International Application Number: PCT/KR2004/001178

(22) International Filing Date: 19 May 2004 (19.05.2004)

(25) Filing Language: Korean

(26) Publication Language: English

(30) Priority Data: 10-2003-0032786 23 May 2003 (23.05.2003) KR

(71) Applicant (for all designated States except US): MYVILENET CO., LTD. [KR/KR]; B1. Somang Bldg., 186-15 Gaepo-dong, Kangnam-ku, Seoul 153-801 (KR).

(72) Inventor; and

(75) Inventor/Applicant (for US only): KIM, Seung-Tae [KR/KR]; 707-705 Jugong Apt., Gaepo3-dong, Kangnam-ku, Seoul 135-802 (KR).

(74) Agent: WOORIN PATENT FIRM; 2nd Fl. Shinwon Bldg., 823-14. Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

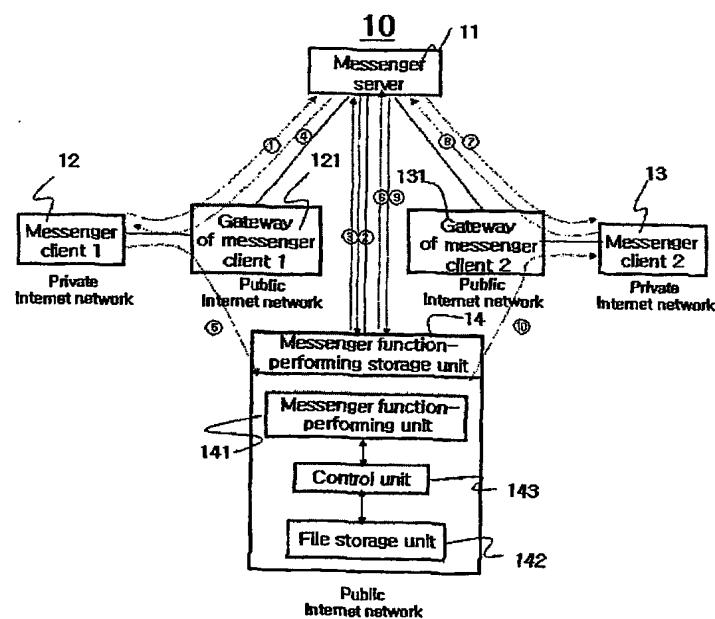
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

## Published:

— with international search report

[Continued on next page]

(54) Title: THE SYSTEM AND METHOD FOR STORING AND TRANSMITTING A FILE DATA USING INTERNET MESSENGER



(57) Abstract: The present invention has its purpose to provide a system and method for storing and transmitting a file using an Internet messenger, wherein a file of a messenger user is stored in a messenger function-performing file storage unit, which is separately connected to a messenger server, or the file storage unit is used as a relay point where a file is transferred between the messenger users, by utilizing P2P transfer technology of a conventional messenger system without additional log-on or installation of an additional program. To accomplish this object, the present invention provides a messenger system for storing and transferring a file using an Internet messenger which includes a messenger server and a plurality of messenger clients connected to the messenger server for exchanging a message or file with the messenger server. The messenger system of the present invention comprises a messenger function-performing file storage unit connected to the messenger server. Further, the messenger function-performing file storage unit comprises a messenger function-performing unit for receiving a file, which will be transferred from a user of a messenger client serving as a sender to a user of a messenger client serving as a recipient among the plurality of the messenger clients, and transmitting the received file to the user of the messenger client serving as the recipient; a file storage unit for storing the file received through the messenger function-performing unit therein; and a control unit for controlling storing the file received through the messenger function-performing unit in the file storage unit and transferring the file stored in the file storage unit to a user of a messenger client serving as a recipient when the user of the messenger client serving as the recipient accepts the receipt of the file.



*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*